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## TASK FORCES TO LAUNCH DUMKE PLAN

Appointment of two task forces to develop plans for curricular innovation and improved use of resources in the California State Colleges was announced today by Chancellor Glenn S. Dumke.

The task forces are to begin work in such areas as "challenge examinations" to substitute for certain courses, adoption of an "open university" concept and other measures intended to improve collegiate learning.

One task force, to be headed by William B. Langsdorf, vice chancellor for academic affairs, will concentrate on educational innovation. The other, under chairmanship of President Ellis McCune of California State College at Hayward, will plan improved efficiency in use of state college resources.

Both groups will meet for the first time next week, Chancellor Dumke said. They are expected to establish subcommittees, each of which will be concerned with specialized aspects of achieving major changes within the colleges.

The overall approach, termed a "massive, wholesale change," was first outlined by Chancellor Dumke on Jan. 26 at a meeting of the Committee on Educational Policy of the Board of Trustees.

Chancellor Dumke proposed to the trustees an ultimate recasting of the 19-campus state college system which could make it possible to reduce by one year or more the time required for undergraduate education.

Recommendations developed as a result of the task force approach will be presented to the trustees. Action by trustees would be necessary to implement changes within the state college system.

Under the approach proposed by Chancellor Dumke, faculty would assume greater responsibility for advising and evaluating student achievement. Students would be more extensively challenged in basic areas of knowledge.

## High Enthusiasm

Chancellor Dumke said today that initial general reaction "indicates a high degree of enthusiasm among trustees and public, and a receptiveness within our college administrations and faculties that denotes both a willingness to consider essential reforms and a desire to move with dispatch toward making valid changes."

The plan has attracted national interest from the standpoint of its boldness and the challenges of achieving substantive changes within the country's largest system of senior higher institutions.

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TASK FORCES TO LAUNCH DUMKE PLAN (Continued from Page 1)

Chancellor Dumke has expressed a goal to begin pilot programs next fall. These would be followed by transfer of success-proven changes on a broader scale within the College system.

The task force on educational innovation will consider such areas as encouragement of advanced placement of knowledgeable high school graduates, challenge examinations to meet certain major academic requirements, means to secure improved practices in assignment of faculty resources, and flexibility in administering budgets.

In addition, the educational innovation task force will explore partial conversion to a British-type "open university" where degrees would be awarded for off-campus or extension studies.

Members of this task force, in addition to Chairman Langsdorf, are:

Gerhard Friedrich, state college dean of academic planning; Jerome Fox, professor of engineering, San Francisco State College; President Stephen Horn, California State College, Long Beach; Lee R. Kerschner, assistant executive vice chancellor, the California State Colleges; President Thomas H. McGrath, Sonoma State College, and Jerome Richfield, professor of philosophy, San Fernando Valley State College.

Two Subcommittees

This task force will be assisted by two subcommittees. One, to be headed by President S. I. Hayakawa of San Francisco State College, will consider an "open university" concept in which students complete academic requirements through such means as extension courses.

President Paul F. Romberg, California State College at Bakersfield, will head a subcommittee that explores such innovations as providing examinations to meet academic requirements.

Improved Efficiency

The task force on improved efficiency in use of resources will work in the area of establishing maximum limits on units and prerequisites for degrees or credentials, tuition charges for unclassified graduate work, and tuition charges for units taken by students in excess of those required for a degree or in deviation from an approved plan of studies.

In addition, this task force will consider admissions screening for new graduate students; opportunities for completing work at several campuses and reduction of transfer credit difficulties; additional afternoon, evening and Saturday classes; and cost study analyses and recommendations concerning possible discontinuance of certain majors and courses.

Members of the task force, in addition to Chairman McCune, are:

President Leo F. Cain, California State College at Dominguez Hills; Levern Graves, professor of economics, California State College at Fullerton, and chairman of the statewide Academic Senate; Edmond Macias, assistant vice chancellor, business affairs, the California State Colleges; Leonard G. Mathey, professor of economics, California State College at Los Angeles; and Edward J. Neuner, deputy state college dean, academic planning, the California State Colleges.



CONFIDENCE, BUDGETS HIGHLIGHTED BY A C P R A MEET

Restoration of confidence in higher education and meeting dollar problems dominated the Far West District Conference of the American College Public Relations Association, held Feb. 7-9, in Monterey. The conference theme, "Dollars, Decisions, Directions," was illustrated by such speakers as Oregon Governor Tom McCall, State Senator Donald L. Grunsky, and Alex Sherriffs, special assistant for education in the office of Governor Ronald Reagan.

Those attending the conference also heard from University of California at Berkeley professor of business administration Earl F. Cheit, whose study for the Carnegie Commission on the economics of higher education has received nationwide notice. Also discussed was the "Dumke Plan" for change in the California State Colleges. The 18-page proposal by Chancellor Glenn S. Dumke was submitted to the Board of Trustees of the college system and now is in preparation for statewide distribution to all faculty members, a spokesman for the Chancellor's Office indicated.

Cal Poly received high praise from Sen. Grunsky (17th Senatorial District) who said he wished there were more such colleges in the state. Both Senator Grunsky and Dr. Sherriffs urged their audience of college public relations, public information, and development officers to recognize the message that legislators are receiving from taxpayers and the general public. Educators hear from a relatively narrow audience, Dr. Sherriffs declared, urging them to pay greater attention to the concerns of a wide range of "specialized publics."

DUCATS FOR EDWARD ALBEE PLAY STILL AVAILABLE ON CAMPUS

Tickets are still available for performances of the Edward Albee play Who's Afraid of Virginia Woolf, scheduled for Thursday through Saturday (Feb. 17 to 20) in the campus theater. Availability of tickets for the drama was announced today by Ken Mitchell, a spokesman for The Cal Poly Theatre, which is producing the play under auspices of the Speech Department.

Cast in the roles of George and Martha Middleton, and Nick and Honey, are four student actors who have starred in previous campus productions. They are Bruce Wilkinson, Barbara Harris, George Dellaganna, and Debbi Ware. Direction of Who's Afraid of Virginia Woolf is the senior project effort of Edwin Pinson.

Who's Afraid of Virginia Woolf will be staged each evening at 8:00 p.m. in the Cal Poly Theater. The public is invited to attend. Tickets are priced at \$2 for adults; \$1 for students. They may be purchased in advance at the Speech Department Office, English-206, or at the theater box office prior to curtain time each evening.

SPECIAL OVERSEAS TRAVEL GRANT APPLICATIONS DUE SOON

Applications for Special Overseas Travel Grants for Summer, 1971, should be submitted no later than March 1, according to Doug Pierce (Director of International Education). Application forms may be obtained by contacting the International Education Office, Adm-133, 546-2147. The program is described in Administrative Bulletin 69-3.



SUPPORT STAFF VACANCIES LISTED BY PERSONNEL OFFICER

Five vacant positions on the support staff of the college have been announced by S. Milton Piuma (Staff Personnel Officer). Descriptions of the positions, which may be filled by promotion or transfer of Cal Poly staff only, are posted on the bulletin board located in the Personnel Office, Adm-111, 546-2236. Guidelines for filling the positions are also posted in the Personnel Office. The vacant positions are:

Technical Assistant II (\$556-\$676), Biological Sciences Department, School of Science and Mathematics. Duties include propagating animals and plants in animal rooms and greenhouse for use in zoology, botany, and physiology laboratories; supervising and working with student assistants in their preparation of laboratories for scheduled classes. Applicants must have a minimum of two years' experience in biological sciences or related work pertinent to a college instructional program. (This is a six-month temporary position. Will consider one person full time or two people half time.)

Clerical Assistant II-B (\$492-\$599), Chemistry Department, School of Science and Mathematics. Duties include typing, taking dictation and transcribing, filing, sorting mail, assisting with numerous office responsibilities. Applicants must be high school graduates; type 45 wpm and take shorthand at 90 wpm.

Departmental Secretary I-B (\$517-\$628), Maintenance and Operations Department, Business Affairs Division. Duties include typing, taking dictation and transcribing, serving as receptionist, taking charge of lost and found, keeping key inventory for the college, some bookkeeping. Applicants must have passed the General Clerical Test; type 45 wpm and take shorthand at 90 wpm.

Custodian (\$487-\$593), Custodial Department, Business Affairs Division. Duties include sweeping, scrubbing, mopping, waxing, and polishing floors in classrooms, offices, lavatories, laboratories, shops, and lockers. Knowledge of custodial methods, materials, chemicals, and equipment required.

Clerical Assistant III-B (\$562-\$683), Office of Information Services, Administration. Duties include working as secretary/receptionist for the office. Provides answers or referrals to continual inquiries from the public and students regarding campus activities and administration. Effective communication and attention to detail are essential. Types copy for Cal Poly Report, daily news releases, and college publications; supervises student assistants. Applicants must have passed the General Clerical Test and be high school graduates with at least two years' secretarial experience. Some college desirable; publications or public relations experience helpful. Must type 45 wpm and take shorthand at 90 wpm.

SATURDAY IS DAY FOR "NIGHT ON BOURBON STREET" PARTY

This Saturday (Feb. 20) is the day for the long-awaited "Night on Bourbon Street" party of Cal Poly Chapter 97 of the California State Employees Association. Theme for the event, which is being planned to include dinner, dancing, and gaming, is "Night on Bourbon Street."

The party will take place beginning at 7 p.m., in the Veterans Memorial Building in San Luis Obispo. Mrs. Francine Hapgood (Business Affairs Division Office), who is chairman for the CSEA program, reported this week that all tickets for the event were sold soon after Feb. 1.



COMING EVENTS -- COMING EVENTS -- COMING EVENTS

ASI Election -- Continuing Tuesday, Feb. 16, all day, polls at various campus locations. Annual election for the purpose of selecting "Miss Cal Poly, Queen of Poly Royal" for 1971; sponsored by Cal Poly's Associated Students, Inc.

Varsity Baseball -- Tuesday, Feb. 16, 2:30 p.m., Baseball Diamond. Cal Poly vs. University of California at Santa Barbara. Public invited.

Sigma Xi Meeting -- Tuesday, Feb. 16, 7:30 p.m., Science North Building Room 215. Talk on "Energy Sources for the Future" presented by Charles R. Russell during regular meeting of the Cal Poly Chapter of the Society of Sigma Xi. Members, faculty, students, and guests invited.

Cal Poly Women's Club Home and Garden Section Meeting -- Wednesday, Feb. 17, 10 a.m., 151 Orange Dr., San Luis Obispo. Discussion of local garden problems by Mrs. Woody Frey during meeting in the home of Mrs. Allan Johnson. Members invited.

CSEA Luncheon Meeting -- Wednesday, Feb. 17, 12 noon, Staff Dining Room. Program featuring "The Carousels" vocal ensemble from San Luis Obispo Senior High School during monthly meeting of Cal Poly Chapter 97 of the California State Employees Association. Faculty and staff invited.

AIAA Meeting -- Wednesday, Feb. 17, 7:30 p.m., Agricultural Engineering Building Room 123. Illustrated lecture on the nation's Space Shuttle, Skylab, and Space Station programs by Frank J. Hendel is scheduled during meeting of the Cal Poly branch of the American Institute of Aeronautics and Astronautics. Public invited.

College Drama -- Wednesday through Saturday, Feb. 17-20, 8 p.m., Cal Poly Theater. Performances of the Edward Albee play Who's Afraid of Virginia Woolf; produced by the Cal Poly Theatre under auspices of the Speech Department. General admission tickets - students, \$1; all others, \$2.

Physics Colloquium -- Thursday, Feb. 18, 11 a.m., Science Building Room E-26. Talk on "A Qualitative Look at Metallic Wave Functions" by Stuart Goldenberg; sponsored by the Physics Department. Faculty, staff, and students invited.

Cal Poly Staff Club Luncheon Meeting -- Thursday, Feb. 18, 12 noon, Staff Dining Room. "Travel Tales" presentation by Ena Marston will be featured. Faculty and staff invited.

Workshop in Contemporary Dance -- Thursday, Feb. 18, 4:30 p.m. and 7 p.m., Crandall Gymnasium. Master Workshop in Contemporary Dance by Dena Madole of the Aspen Theater Institute of Aspen, Colo.; sponsored by the Women's Physical Education Department. Students, faculty, and staff invited.

Varsity Golf -- Friday, Feb. 19, 12 noon, San Luis Obispo Country Club. Cal Poly vs. University of California at Santa Barbara. Public invited.

Varsity Baseball -- Friday, Feb. 19, 2:30 p.m., Baseball Diamond. Cal Poly vs. St. Mary's College. Public invited.

Varsity Basketball -- Friday, Feb. 19, 8 p.m., Men's Gymnasium. Cal Poly vs. San Fernando Valley State College. Preliminary game, 5:45 p.m., Cal Poly Colts vs. SFVSC Frosh. General admission tickets - students, 50 cents; all others, \$1.50.



COMING EVENTS . . . (Continued from Page 5)

Women's Sports Day -- Saturday, Feb. 20, all day, Men's Gymnasium and Crandall Gymnasium. Sports day featuring basketball competition for high school and junior high school girls basketball teams from throughout the California Central Coast Area; hosted by the Cal Poly student chapter of the California Association for Health, Physical Education, and Recreation. Public invited.

Varsity Swimming -- Saturday, Feb. 20, 12 noon, Swimming Pool adjacent to Men's Gymnasium. Cal Poly vs. California State College at Fullerton. Public invited.

Varsity Baseball -- Saturday, Feb. 20, 12:30 p.m., Baseball Diamond. Cal Poly vs. St. Mary's College, doubleheader. Public invited.

CSEA Dinner-Dance -- Saturday, Feb. 20, 7 p.m., Veterans Memorial Building, San Luis Obispo. Spring social event with "Night on Bourbon Street" as its theme; sponsored by Cal Poly Chapter 97 of the California State Employees Association. Tickets - sold out.

Varsity Wrestling -- Saturday, Feb. 20, 7:30 p.m., Crandall Gymnasium. Cal Poly vs. Cal Poly at Pomona. General admission tickets - students, 50 cents; all others, \$1.50.

Varsity Basketball -- Saturday, Feb. 20, 8 p.m., Men's Gymnasium. Cal Poly vs. University of San Diego. Preliminary game, 5:45 p.m., Cal Poly Colts vs. USD Frosh. General admission tickets - students, 50 cents; all others, \$1.50.

Cal Poly Women's Club Walking Section Meeting -- Tuesday, Feb. 23, 9 a.m., College Square Bank of America parking lot, San Luis Obispo. Meeting for a walking tour of Cayucos with possible lunch stay. Members invited.

Engineering Seminar -- Wednesday, Feb. 24, 2:30 p.m., Engineering Auditorium. Seminar on "Engineering Opportunities;" planned by the student council of the School of Engineering and Technology as part of Engineering Week activities. Public invited.

College Hour Concert -- Thursday, Feb. 25, 11 a.m., Cal Poly Theater. Concert by the Cal Poly Symphonic Band under the direction of William V. Johnson presenting an abbreviated version of the concert scheduled for the evening of Feb. 26; sponsored by the Music Department. Public invited.

Cal Poly Staff Club Luncheon Meeting -- Thursday, Feb. 25, 12 noon, Staff Dining Room. Discussion of transportation problems and solutions by E. S. Diamant of TRW Systems during weekly luncheon gathering. Faculty and staff invited.

Varsity Wrestling -- Thursday, Feb. 25, 7:30 p.m., Men's Gymnasium. Cal Poly vs. University of Washington. General admission tickets - students, \$1; all others, \$2.

Engineering Panel Discussion -- Thursday, Feb. 25, 7:30 p.m., Cal Poly Theater. Discussion on "Nuclear Power and the Environment" by a panel of professional engineers; planned by the student council of the School of Engineering and Technology as part of annual Engineering Week activities at the college. Public invited.

Architecture Lecture -- Thursday, Feb. 25, 8 p.m., Engineering Auditorium. Lecture by Henry Wright; sponsored by the Cal Poly School of Architecture and Environmental Design and student chapter of the American Institute of Architects. Public invited.

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STUDENTS PRAISED FOR PAKISTAN RELIEF FUND EFFORT

The Embassy of Pakistan in Washington, D.C. has extended an official thank you to Cal Poly President Robert E. Kennedy for the \$3,420.63 collected on behalf of the East Pakistan Cyclone Relief Fund. The fund was collected by the Pakistani Student Association of Cal Poly in early December, 1970. San Luis Obispo County residents and Cal Poly students donated the money.

The letter from A. Hilaly of the Embassy of Pakistan said:

"Thank you very much for your letter of December 23, 1970, forwarding a cheque of \$3,420.63 for East Pakistan Cyclone Relief Fund. We deeply appreciate the warm words of sympathy and the generous contribution . . . . It is heart warming to know how much fellow feeling there is for us in your great country on this tragic occasion.

"Please accept our grateful thanks and convey them to the Pakistani students and others who have so generously contributed to this fund."

CAMPUS GUIDE AVAILABLE FROM INFORMATION SERVICES

A new map of the campus is available for mailing to college visitors, according to Lachlan P. MacDonald (Director of Information Services). MacDonald said the map has been produced in two versions, one intended for general use and one for mailing to campus guests participating in conferences, institutes, lectures, and similar programs. Departments may obtain supplies of either the maps or the "Campus Guide" from the Office of Information Services, Adm-210. The guide includes photos and descriptions of points of interest on the campus, a list of major offices and information concerning parking, campus tours and the common admissions program.

COMING EVENTS . . . (Continued from Page 6)

Varsity Baseball -- Friday, Feb. 26, 2:30 p.m., Baseball Diamond. Cal Poly vs. University of Redlands. Public invited.

Engineering Banquet -- Friday, Feb. 26, 7 p.m., Golden Tee Resort Lodge, Morro Bay. Annual Engineering Banquet featuring address by John Beck, vice president and general manager of Advanced Products Division of White Motors Company; planned by the student council of the School of Engineering and Technology as part of annual Engineering Week activities at the college.

Winter Band Concert -- Friday, Feb. 26, 8 p.m., Cal Poly Theater. Annual winter concert by the Cal Poly Symphonic Band under the direction of William V. Johnson; sponsored by Cal Poly's Music Department. General admission tickets - students, 75 cents; all others, \$1.25.

Varsity Baseball -- Saturday, Feb. 27, 12:30 p.m., Baseball Diamond. Cal Poly vs. University of Redlands, doubleheader. Public invited.

Shakespeare Theater -- Saturday, Feb. 27, 8 p.m., Cal Poly Theater. Shakespeare's As You Like It as performed by the New Shakespeare Company of San Francisco; sponsored by the Fine Arts Committee of the College Program Board of Cal Poly's Associated Students, Inc. General admission tickets - college students, \$1.50; all others, \$2.50.



CONTEMPORARY DANCE WORKSHOP WILL BE THURSDAY

A special contemporary dance workshop will be presented for all interested persons on Thursday (Feb. 18) afternoon. Sponsored by the physical education majors and minors organization of the Women's Physical Education Department will be the Master Workshop in Contemporary Dance with the famed dancer Dena Madole.

Scheduled for Crandall Gymnasium, the program will include two sessions. Planned for 4:30 to 6:30 p.m. will be a unit on teaching techniques. A second session, announced for 7 to 9 p.m., will be for experienced dancers.

Miss Madole has studied extensively with Mary Wigman of Berlin and Erick Hawkins of New York with whom she performed for a number of years. With an extensive background, Miss Madole has been on the faculty at University of Wisconsin and an artist-in-residence at Randolph-Macon Women's College in Virginia. She is currently dance director for the Aspen Theater Institute, Aspen, Colo.

All professional and interested persons are invited to take advantage of Thursday afternoon's and evening's workshop program, which will be presented without an admission charge. Additional information may be obtained by telephoning 546-2095.

LEAGUE OF WOMEN VOTERS IN VOTER REGISTRATION DRIVE

Cal Poly faculty, staff, and students at least 21 years of age will be able to register to vote during a special drive this week. The League of Women Voters of San Luis Obispo will provide registrars at the Snack Bar of the College Dining Hall from 9 to 11:30 a.m. on Thursday (Feb. 18) and at the entrance to the J. C. Penney store on Higuera St. in downtown San Luis Obispo from 7 to 9 p.m. that evening.

According to an announcement from the local voters service organization, deadline for registration to vote in the April 20 election is Feb. 25, 54 days prior to election day. A citizen must have resided in California and San Luis Obispo for 90 days and in his precinct for 54 days before election day. One can also register at any City Hall and at the County Clerk's Office at the Courthouse Annex in San Luis Obispo.

During the April election, all school districts in the county, the Community College District, and the County School Board will hold trustees elections, and the City of San Luis Obispo will elect two councilmen and a mayor. Morro Bay is giving its voters a choice on the ban of automobiles from its beaches, and Pismo Beach is holding a sewer bond election.

Further information on elections and registration may be obtained by telephoning the County Clerk's Office, 543-1550, or the League of Women Voters, 543-2220.

FIVE STUDENTS SHARE LONG MEMORIAL AWARD FOR 1971

Five Cal Poly students have been named co-recipients of the annual John B. Long Memorial Scholarship of the California Newspaper Publishers Association. All printing technology and management majors, they are Fred Dal Broi of Millbrae; Don Fast, San Luis Obispo; John McCormick, Winnipeg, Manitoba, Canada; Bill Reed, Arvin; and Timothy Whitaker, Lynwood.

The \$500 scholarship honors the past long-time general manager of the CNPA who was a leading figure in the re-establishment of the printing curriculum at Cal Poly in 1946.



CAMPUS ENGINEERING WEEK OBSERVANCE WILL BE NEXT WEEK

Over 50 high school students from California's Central Coast area plan to participate in a first-hand look at college life as guests of engineering students at Cal Poly. The visit is part of activities planned by students of the college's School of Engineering and Technology to observe National Engineering Week, which will begin Sunday (Feb. 21) and continue through Feb. 28.

Other events planned for the week-long observance at Cal Poly include a special student forum on engineering, a public forum on nuclear power plants and the environment, and an annual banquet for engineering students and their guests.

The student visitors will be paired with Cal Poly students and will get the rare opportunity to spend a typical engineering student's day with their hosts, attending classroom lectures, viewing laboratories and facilities, and taking part in classroom discussions. They will also be able to attend the special student forum, according to Jim Archer, student chairman of the campus Engineering Week committee.

John Beck, vice-president and general manager of the Advanced Products Division of White Motor Co., in Torrance, will address the annual Engineering Week Banquet to be held at the Golden Tee Resort Lodge in Morro Bay on Friday, Feb. 26. Dr. Beck, a graduate of the University of Wisconsin, will talk on "Improving Life Through Engineering."

The School of Engineering and Technology is comprised of some 2,300 students in 10 departments and is the largest of Cal Poly's seven academic schools.

SYMPHONIC BAND CONCERTS SCHEDULED FOR FEB. 25,26

The Cal Poly Symphonic Band will present two public concerts on Feb. 25 and 26 in the Cal Poly Theater. On Thursday, Feb. 25, at 11 a.m. another in a series of highly successful College Hour Concert series will feature the 84-piece band, directed by William V. Johnson (Music Department). Admission to that concert will be free. Friday, Feb. 26, the fifth annual Winter Band Concert will be offered at 8 p.m. Admission for that program will be 75 cents for students and \$1.25 for all others.

Programmed by the Cal Poly ensemble for the Winter Band Concert are such musical selections as Holiday Fanfare and March by Torrie Zito, Symphony for Band by Vincent Persichetti, Encore in Jazz by Vic Firth, and Don Gillis' Tulsa. Also included on the program are selections from the musical play and motion picture Paint Your Wagon and various other selections in jazz and dixieland style.

According to Johnson, the College Hour Concert will be of shorter duration than the Winter Band Concert but will feature many of the same selections. Johnson added that one selection, J. S. Bach's Jesu, Joy of Man's Desiring, will be performed during the morning concert only.

Winter concert tickets are on sale at the Temporary College Union on campus or may be obtained from any of the Cal Poly band members. Off campus, tickets may be obtained at Brown's Music Store, Ogden's Stationers, and Premier Music Company, all in San Luis Obispo. Tickets will also be on sale at Cal Poly Theater box office windows prior to curtain time the night of the concert.

Typewritten copy intended for the next issue of Cal Poly Report must be received prior to 12 noon Friday, Feb. 19, in the Office of Information Services, Administration-210.



CAMPUS VISIT ANNOUNCED FOR A C T PRESIDENT HARCLEROAD

Fred Harclerod, nationally-known educator and former president of California State College at Hayward, will be a speaker at Cal Poly in March, it was announced last week by Dale W. Andrews (Academic Vice President). Dr. Andrews said Dr. Harclerod will visit the campus on March 10th to meet with students and to give a public address on an educational topic.

Dr. Andrews said Dr. Harclerod's visit to the college is part of a continuing series of speakers and convocations co-sponsored by the college and campus groups and open to the general public. Sponsors for his visit include the Cal Poly Graduate Education Club and Student California Teachers Association.

Dr. Harclerod has been president of the American College Testing Program since December, 1967, and a professor of higher education at the University of Iowa since 1968. Earlier speakers in the campus speakers series this year were astronaut Walter Cunningham and architect Charles Luckman, who is also a member of the Board of Trustees of the California State Colleges.

AWARDS FOR FEATURE WRITING GO TO FIVE STUDENTS

One hundred dollars in cash awards has been awarded to five Cal Poly students who were winners in the second annual feature writing contest sponsored by the California Association of Nurserymen. Winner of the \$30 first prize in the competition was Linda Currey of Palos Verdes Peninsula, a sophomore majoring in biological sciences.

Other winners were Marsha Byrnes of Sacramento, a senior journalism major, second; Brian McGuiness of San Luis Obispo, also a senior majoring in journalism, third; Jonnie Fuentes of Santa Barbara, a junior majoring in journalism, fourth; and Richard Palmer of Pacific Palisades, also a junior journalism major, fifth. They received awards of \$25, \$20, \$15, and \$10, respectively.

The contest, organized by Harold Young, public relations director for the nurserymen's organization, is for Cal Poly students enrolled in the feature writing class offered by the college Journalism Department during the Fall Quarter. The cash awards go to the students writing the best features on some phase of the nursery business.

"CAROUSELS" WILL BE C S E A LUNCHEON PROGRAM FEATURE

"The Carousels" -- eight young men and eight young women from San Luis Obispo Senior High School -- will present a program of vocal music during the luncheon meeting of Cal Poly Chapter 97 of the California State Employees Association in the Staff Dining Room at 12 noon tomorrow (Wednesday, Feb. 17). They will be under the direction of Lyle Stubson of the high school's Music Department faculty. Members of the college staff and faculty are invited to attend the meeting.

HOME ACTION SLATED BY DISTAFF CAGE TEAMS THIS WEEK

The next two women's intercollegiate basketball games involving Cal Poly teams will be "at home," tomorrow (Wednesday, Feb. 17) against University of California at Santa Barbara at 6 p.m. in Crandall Gymnasium and on Friday (Feb. 19) against California State College at Long Beach, with the first game starting at 7 p.m. The public is invited and admission is free.



WHO . . . WHAT . . . WHEN . . . WHERE ? ? ?

Bruce E. Tjaden (Child Development Department) has been guest lecturer for campus events in Southern California and Arizona in recent weeks. Rev. Tjaden addressed members of the University of Arizona student body in Tucson during their Informal Forum series Feb. 1-5, and then was a lecturer at the annual Graduate Workshop on Newer Ways of Counseling Youth and Young Adults. The workshop was jointly sponsored by the American Institute of Family Relations of Los Angeles and Azusa Pacific College.

A life membership award citing outstanding service and achievement in teaching has been presented to James M. McGrath (Head of the Engineering and Technology Department). He received the E. K. Campbell Award of Merit, a life member award of the American Society of Heating, Refrigeration, and Air Conditioning Engineers during that group's semi-annual meeting in Philadelphia in late January. Some 25,000 engineers are members of ASHRAE's 105 chapters across the country. The award included an inscribed bronze plaque and an honorarium.

Shien-Yi Meng (Electrical Engineering Department) has received copies of the paper titled Observations of High-Velocity Hydrogen Clouds at 21 cm., which he prepared in collaboration with J. D. Kraus at the Ohio State University Radio Observatory. The paper was initially published in The Astronomical Journal for June, 1970.

Harold O. Wilson (Administrative Vice President) has been re-appointed to a four-year term as a member of the State Board of Agriculture by Governor Ronald Reagan. Vice president Wilson, who first became a member of the board in 1967, presided over its monthly meeting held early this month in Sacramento, during the absence of its president, Allan Grant.

Frank B. Barrows (Industrial Technology Department) has had a summary of his doctoral dissertation, completed last summer as a degree requirement at Utah State University, published in the latest edition of the California Council on Industrial Teacher Education Journal. The article is titled "A Study of the Role of Vocational Education in a Comprehensive High School with Recommendations for Vocational Education and Educational Specifications for Industrial Education at East High, Salt Lake City, Utah."

Stanislaus J. Dundon (Philosophy Department) has been informed that his article, "Newton's 'Mathematical Way' in the De Mundi Systemate," is included in the delayed publication of the 1969 volume of Physics, an international review of the history of science. The article examines manuscript evidence that Newton did not propose an abstract physics.

William W. Armentrout (Education Department) was a member of the State Board of Education accreditation team which visited Mount St. Mary's College in Los Angeles early this month. The team's visit began Feb. 3 and concluded two days later.

Joseph C. Boone (Physics Department) and Lee C. Coombs (Chemistry Department) used the telescope mount in the observation dome on campus to obtain a slow-motion film and video tape of the 225-minute total lunar eclipse on the night of Feb. 9. Portions of the motion picture were shown on the regularly-scheduled local news programs of Television Station KSBY, Channel 6, San Luis Obispo, later in the week.

John L. Merriam (Agricultural Engineering Department) spent a weekend in Nicaragua doing a special irrigation consultant study for the Banco Nacional de Nicaragua in the 15,000 hectare Proyecto Riego de Leon recently.

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SHAKESPEARE COMPANY SLATES CAMPUS PERFORMANCES FEB. 27, 28

The New Shakespeare Company of San Francisco will be at Cal Poly on Feb. 27 and 28 to give theater-goers a look at its highly-polished brand of dramatic entertainment. Two of William Shakespeare's time-honored plays -- As You Like It and A Midsummer Night's Dream -- are scheduled for the company's performances in the Cal Poly Theater. Saturday, Feb. 27, will find the San Francisco-based thespians recreating As You Like It, starting at 8 p.m. Curtain time for A Midsummer Night's Dream the following day will be 2 p.m.

"Ours is a professional repertory company, and our productions have a new approach to Shakespeare -- one which presents to the audience a performance we believe may be very like a performance by 'The Kings Men' 375 years ago," states Clarence Ricklefs, who is director-producer for the troupe. Both plays by the immortal English playwright are suitable for audiences of all ages. Although they are centuries old, the themes of both plays are as contemporary as right now.

General admission tickets for either of the performances will be priced at \$1.50 for college students, and \$2.50 for others. An advance sale is scheduled to begin on Feb. 22 at the Temporary College Union on campus. Sponsor for the company's performance at Cal Poly is the Fine Arts Committee of the Associated Students, Inc.

WHO. . . WHAT . . . (Continued from Page 11)

Richard C. Wiley (Head of the Welding and Metallurgical Engineering Department) and Harry H. Honegger (also Welding and Metallurgical Engineering Department) presented technical talks at the annual conference of the California Certified Boiler and Pressure Vessel Inspectors, which took place in Los Angeles on Feb. 2 and 3. Some 120 inspectors participated in the gathering.

Paul Kenyon (Business Administration Department) has been notified that his article on the legal aspects of insurance and destruction of the condominium has been accepted for publication by The Practical Lawyer, a journal published by the Continuing Education Committee of the American Bar Association.

Ralph S. Vrana (Physics Department) has received word that his articles titled "Free Aquaria," "Chemical Changes by Heating," and "Production of Motion from Electricity" will all be re-published in a hard cover book being produced by Parker Publishing Company, West Nyack, N.Y. The book is titled Best of General Science from The Science Teacher's Workshop.

Lachlan P. MacDonald (Director of Information Services) and Donald L. McCaleb (also Information Services Office) attended the annual conference of the American College Public Relations Association's Far West District, which took place in Monterey on Feb. 7-9. Cal Poly is among nearly 1,500 colleges, universities, and community colleges throughout the nation which maintain institutional membership in the association.

Willard W. Dean (Biological Sciences Department) is a co-author of a paper titled "Aeromonas liquefaciens in the Giant African Snail, Achatina fulica" which appeared in the November, 1970, issue of the Journal of Invertebrate Pathology. The paper was developed by Dr. Dean, Albert R. Mead, and William T. Northey while all three were working at Arizona State University. Dr. Dean joined the Cal Poly faculty in 1969.

Typewritten copy intended for the next issue of <u>Cal Poly Report</u> must be received prior to 12 noon Friday, Feb. 19, in the Office of Information Services, Administration-210.
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### MUSTANG CAGERS, WRESTLERS CONTINUE DRIVES TOWARD REGIONAL, NATIONAL HONORS

After turning in one of the most impressive weeks of competition in recent Cal Poly history, sports teams representing the college in intercollegiate competition will continue their drives toward regional and national recognition in events scheduled this week. Leading the way in the quest will be the varsity wrestling team, which will be on the road for four matches before returning home to close the week, and the basketball varsity, which could wrap up its first California Collegiate Athletic Association Championship in that sport since the mid-50's on Friday night.

Cal Poly teams recorded a perfect 10-0 won-lost record in intercollegiate sports competition last week. Joining Coach Vaughan Hitchcock's wrestlers, who had three wins, and Coach Neale Stoner's cagers, who chalked up a pair of wins, were the Mustang baseball varsity, the freshman basketball team, and the varsity swimming team.

Friday (Feb. 19) will find the Mustang cage varsity meeting San Fernando Valley State College in an important CCAA contest that should decide the league title for 1971. The two teams are currently tied with 5-1 marks atop league standings and the Cal Poly quintet owns an earlier victory over the SFVCS five. Tipoff time for the game, which will take place in the Men's Gymnasium, will be 8 p.m. The Cal Poly club will host University of San Diego in a non-league contest the following (Saturday, Feb. 20) evening at the same time and in the same location.

Stoner's charges managed to record a pair of victories in pressure-packed situations last week and now own a 13-8 won-lost record for the 1970-71 campaign. They eased by University of California at Riverside 90-88 and then blasted a hustling Cal Poly at Pomona five 86-69 to run their string of successive home court victories to 10 for the season. The Cal Poly five has now won 10 of its last 11 games.

#### Wrestlers Post Important Wins

Oregon State University, Portland State University, and University of California at Berkeley all had one thing in common last week. They were beaten by a rapidly-improving Cal Poly wrestling team. The Mustang matmen marched by the three university division teams by scores of 18-14, 19-13, and 28-6 to up their won-lost mark for the season to 14-2-1. They now own victories over five teams ranked among the top university teams in the nation and should move up from their current ranking in 11th place in the next poll.

This week will find Hitchcock's green and gold clad grapplers on the road for four matches before they return to conclude their efforts for the week by hosting CCAA opponent Cal Poly at Pomona on Saturday (Feb. 20) evening. That match is billed for a 7:30 p.m. start in Crandall Gymnasium. The Mustang's road opponents this week will include San Francisco State College, Stanford University, San Fernando Valley State, and California State College at Fullerton. They will meet the first two in the Bay Area this afternoon and evening and the latter, Friday afternoon and evening in the Los Angeles area.

Also on tap on the campus sports calendar this week are varsity baseball, swimming, and golf action. Coach Augie Garrido's baseballers will host University of California at Santa Barbara at 2:30 p.m. today (Tuesday, Feb. 16), and University of Redlands in a trio of games this weekend. A single game is slated for 2:30 p.m. Friday and a double-header for 12:30 p.m. Saturday. All three will be played on the campus diamond. Coach Bill Hicks' golfers will host UCSB in a match planned for 12 noon on Friday on the San Luis Obispo Country Club links, and Coach Dick Anderson's mermen will wind up their home season for 1971 when they host Cal State at Fullerton at noon on Saturday in the pool adjacent to the Men's Gymnasium.



SUPERIOR COURT JUDGE WILL DISCUSS JUDICIAL SYSTEM WITH STUDENTS

Judge of the Superior Court Richard Harris will have a question and answer session with students of a section of a political science course offered by the Social Sciences Department this Thursday (Feb. 18) afternoon at 4:45 p.m. in BA and E-214. A. K. Settle (Social Sciences Department), who is teaching the course titled "California Government," said that members of the college faculty are welcome to attend the session and hear Judge Harris' response to questions expected to range from the selection process of judges to the trial delay problems the courts are having in California and elsewhere.

TELEPHONE LECTURE USED FOR AG MANAGEMENT CLASS

Two graduates of Cal Poly successful in the agricultural chemicals marketing and sales fields lectured recently to an agricultural business management class on campus from their desks in Ardsley, New York -- by telephone at the expense of their employer. John E. King, supervisor of sales training, and Rowland Pilaria, manager of marketing, both employees of the Geigy Co., answered questions posed to them during the amplified telephone session. L. J. Vanoncini (Agricultural Management Department) arranged for the special lecture-by-telephone.

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# encouraging

# notes

February 16, 1971

President Nixon has included in his budget \$622 million for the National Science Foundation, which is \$116 million more than National Science Foundation has in FY 1971. Most of the increase will go to research projects, but there are some drastic changes in National Science Foundation programs for the coming year.

Institutional support, which includes the Science Development Program (not for Cal Poly) has been eliminated, and the Institutional Grants Program, which is so important to us, has been reduced from \$14.5 million to \$12 million.

Support for graduate students has been cut in half, approximately, and postdoctoral fellowships have been eliminated.

Undergraduate Research Participation has been eliminated, but the recently originated Student Originated Studies will get more money.

The Sea Grant Program has been transferred to another agency (NOAA).

Meanwhile, in another part of the forest, the Office of Education is undergoing some plastic surgery. The language training and area studies, which Mr. Nixon had eliminated last year but restored to \$8 million, is back at \$15.3 million in the budget. The request for land grant colleges (we are not one) is reduced from \$12.7 million to \$2.6 million.

Undergraduate instructional equipment was also eliminated by Mr. Nixon last year, but the Congress restored \$7 million. For FY 1972, the President has again eliminated this program which is extremely important to Cal Poly.

College Library Resource, obviously also important to us, is being reduced from \$15.3 million to \$5 million.

The National Institutes of Health will have more money for research, but less for training grants and fellowships.

The Peace Corps will be reduced from \$90 million to \$71 million, but sea research will double to \$15 million.

The Army Research Office - Durham (AROD) sponsors unsolicited research proposals in some fields of chemistry, engineering, environmental sciences, mathematics, metallurgy, and physics. Proposals may be submitted at any time to

U.S. Army Research Office - Durham  
Box CM, Duke Station  
Durham, North Carolina 27706

The brochure in this office may be helpful. AROD suggests that an informal letter of inquiry may save a lot of time and effort.



Graduate Studies and Research • Administration 309 • phone 2630  
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The John and Mary Markle Foundation is currently interested in supporting programs in mass media, including television, radio, newspapers, magazines, books, and films. (This Foundation is one of the sponsors of NET's Sesame Street). Grants are made for research, educational programs, and special projects. Although the Foundation has not had a program specifically for undergraduate education, it is always willing to listen to something innovative. It awarded almost \$3 million in fiscal year 1970.

The address is 50, Rockefeller Plaza  
New York, N.Y. 10020

The National Endowment for the Humanities has a deadline of April 19, 1971 in its Education Program, which supports projects of experimentation in education in the humanities, conferences or institutes to improve teaching, develop teaching materials, promote educational uses of libraries, or plan, carry out, and evaluate curricular revision.

The Public Programs has a deadline of April 1, 1971, and supports museums, libraries, extension services, or educational broadcasters who wish to provide the general public with opportunities for informal education in the humanities. Write:

Director of Public Programs  
National Endowment for the Humanities  
Washington, D.C. 20506

Lecture-performance programs in the humanities may be supported by an allied organization; write

Director, National Humanities Services  
Woodrow Wilson National Fellowship Foundation  
32 Nassau Street  
Princeton, New Jersey 08540

#### The Organization of American States

has a Fellowship Program including the support of either research or advanced study or training. Fellowships are tenable in any OAS country except the country of citizenship or permanent residence.

The Fellowships include travel, tuition fees, study materials, room and board, but no household expenses. There are two closing dates

- 1) Before December 31 for Fellowships to begin the following September
- 2) Before June 30 for Fellowships to begin between February 1 and August 31 of the following year.

This office has application forms and a small brochure.

#### National Science Foundation

invites research proposals for the Arctic Research Program. This includes investigation of

- (1) The polar icepack and its impact on transportation and global weather and climate.
- (2) The polar magnetic field and its effects on communication



- (3) Geological structures underlying the Arctic lands and polar seas both as potential mineral sites and as hazards to construction and resource development.
- (4) The balance of the Arctic ecosystem.
- (5) The problems related to permafrost.
- (6) The slow degradation of liquid and solid wastes under Arctic conditions.

Behavior and physiology of man in this environment also will receive increased attention.

Proposals should be written according to the usual requirements for NSF research proposals.

#### National Science Foundation

has a Program for the Public Understanding of Science. Projects may include the dissemination of science information for the general public, training programs involving communication skills for science information, and research in the testing and evaluation of new approaches to the public understanding of science. There are no deadlines. The brochure may be seen in this office.

#### National Science Foundation Regional Cooperative Computing Activities Program

encourages institutions to join with a "lead" institution to "provide training in computer use technology to a limited number of faculty members from the participating institutions as well as training in the development of instructional computer applications in those disciplines where instruction may benefit from computer use." The lead institution is expected to provide computing services to the participating institutions in limited amounts.

Although matching funds are not specifically required, each institution is expected to show its contribution not only during the period of a grant but for some years afterward.

#### National Science Foundation

has a modest program which can support research in certain foreign countries where the United States has so-called "excess currency" under P.L. 83-480. Funds may be requested for research, science education and related scientific activities, and collaborative efforts with someone or some institution in the foreign country are especially welcome.

The countries presently participating are: Burma, Guinea, India, Morocco, Pakistan, Poland, Tunisia, Egypt, and Yugoslavia.

There is no deadline.



REPORT OF THE JANUARY MEETING OF THE ACADEMIC SENATE  
OF THE CALIFORNIA STATE COLLEGES

Senators Present: Roy Anderson, David Grant, Corwin Johnson

This meeting took place in Sacramento, California, and was a very productive meeting. The Academic Senate passed two resolutions requesting a change in the book budgeting practices and the library development program. If implemented, these actions would allow the libraries a more realistic approach in their book acquisition programs and a better long-range development program. Both of these are very desirable and members of the Chancellor's staff present indicated that they were sure that the Chancellor and the trustees would look favorably upon them. However, at this point, the budgetary problems may prohibit immediate implementation of the programs.

In another action, the Senate passed a resolution in response to a request by the Board of Trustees for a program of periodic performance evaluations of tenured faculty members, pointing out that the new salary schedule, which has been adopted by the trustees, contains evaluations every three years for a minimum of twenty years and it is felt that this would be adequate performance reviews. (While the trustees have approved the new salary schedule, it will not be implemented until funds are available.)

The Senate also endorsed a statement of professional responsibilities and a document called the "Implementation of the Statement on Professional Responsibility and Professional Self-Discipline." In the resolution requesting endorsement, the Faculty Affairs Committee also requested that these two documents be sent to the faculties of all of the State Colleges for ratification. This resolution was passed and these documents are now on campus in the hands of the Election Committee, who will be holding the election for ratification.

The Senate endorsed Part II of the report of the Ad Hoc Committee on Procurement and Retention of Quality Faculty with certain minor reservations. Included in Part II of this report was the statement that the Committee could see no value in extending the present four-year pre-tenure period for faculty members of the California State Colleges. The entire report of the Ad Hoc Committee on Procurement and Retention of Quality Faculty is available on campus. If you are interested, any of the three Academic Senators, CSC, have copies that you may see.

The Academic Senate also approved a position paper on a 1970-71 budget, pointing out the shortcomings of this budget and the problems that the colleges and the people of California would encounter if this type of budget continued.

The Senate also approved the following resolution:

WHEREAS, the Chancellor, who is now authorized to 'prescribe and from time to time revise' grievance and disciplinary procedures, has suggested that he will seek advice from interested parties before



revising the current procedures; now, therefore,  
be it

RESOLVED: that the Academic Senate of the California State Colleges directs the Chairman to explore with the Chancellor the possibility of establishing an ad hoc committee to monitor the application of the grievance and disciplinary procedures; if in the judgment of the Executive Committee of the Academic Senate CSC it would be useful to faculty to have representation on such an ad hoc committee advisory to the Chancellor, the Executive Committee is authorized to select members to serve on such an ad hoc committee from the Senate's Faculty Affairs Committee.

The Chancellor had indicated that he would look favorably on such action.

The last resolution to be passed by the Academic Senate was one objecting to the Chancellor's tenure proposals, with the following resolved clause:

RESOLVED: that the Academic Senate CSC records its profound regret that the Chancellor has by-passed clearly available opportunities for cooperation and has followed procedures which can only be described as divisive.